

Holds a B. Sc. in Petroleum & Mining Engineering and has over 8 years hands-on experience in using different international codes, standards and specifications (ASME, API, AWS, ASTM, ISO, EN, etc.). Is approving QC procedures and performing and evaluating of NDT. Has good knowledge of welder qualification tests (WQTs), welding procedure specifications (WPSs) and procedure qualification record (PQRs). Has also good background and dealing with API codes concerning tanks, tank inspection and piping inspection.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 01/09/1982
Gender : Male
Marital Status : Married
Residence : Qalubia

EDUCATION

: B. Sc. in Petroleum & Mining Engineering (Metallurgy & Materials Dept.),
Suez Canal University, 2007

LANGUAGES

Arabic : Native Language
English : Excellent

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: Basic, FORTRAN, Visual Basic
: AutoCAD

TRAINING COURSES AND CERTIFICATIONS

: Preparing to get a CSWIP 3.1 (level 2) certificate soon.
: Training as a Welding Inspector and Quality Control Engineer in Suez Bureau for Quality (SBQ), a Training Center in Suez Canal University, from Feb. 2008 till May 2008.
: Training at Atomic Energy Authority (4 weeks).
: Training at Delta Steel Mill Co. (2 weeks).
: Training at General Metals Co. (GEMET), 2 weeks.
: Important courses studied in the faculty:

- Material Testing (DT & NDT).
- Welding technology.

- Casting engineering (continuous, molds, etc.).
 - Metal forming processes (forging, rolling, drawing, extrusion, etc.).
 - Alloy designing and selection.
 - Failure analysis.
 - Industrial safety.
 - Non-ferrous materials production.
 - Ferro-alloys production.
 - Steel & Iron Making.
 - Advances in Steel and Iron Making.
 - Corrosion engineering and corrosion protection.
 - Electroplating.
 - Fuel, Refractory's and furnaces.
 - Heat treatment technology.
 - Ceramic, Composite, Powder technology of materials.
- : Certificates:
- Level II in the following NDT methods (SNT-TC-1A):
 - Radiographic Film Interpretation (RT).
 - Ultrasonic Testing of Welds (UT).
 - Liquid Penetrant Testing (PT).
 - Magnetic Particle Testing (MT).
 - Certified in the following training courses from my university ("Welding Inspection Technology", all modules):
 - Weld and Base Metal Discontinuities.
 - Welding Technology and Metallurgy.
 - Welding Inspection, Documentation and Qualification.
 - Corrosion and Corrosion Protection for Inspectors.
 - In-service Inspection of Pipelines and Tanks.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From May 2015 till now
- Employer** : ELSEWEDY ELECTRIC - POWER SYSTEM PROJECTS (PSP)
- Project** : Beni Suef Combined Cycle Power Plant 4800MW
- Job title** : Project Senior QC Engineer (PSP)
-
- Dates** : From May 2015 till now
- Employer** : GENERAL ELECTRIC Co. (GE, Granite Services International Inc.)
- Project** : EEHC 20 x TM2500+ Emergency Power Project in Egypt
The project is fast-track aero-derivative gas turbine generators, 20 units, 500MW.
- Job title** : Lead QA/QC Engineer (GE Power, GSII)
- Job Description** : BoP Scope, Acting as QA/QC Manager for:
- Building up the QA/QC System for the entire project as per the contract specifications.
 - Reviewing the QA/QC Documents for all the project sites (10 sites) and works (Civil and Mechanical Works).
 - Making periodic internal audits for all QA/QC system.

- Assuring that all the applicable factory and site tests and inspections are done and accepted.
- Making periodic in-process and final walk-downs and surveillances.
- Raising, monitoring, and closing-out the QA/QC punch-lists as per the contract specifications and the agreed owner requirements.
- Performing the meetings with all parties of the project to make the targeted coordination when required.
- Leading the preparation of the Turn-Over Packages, the Engineering and QA/QC Documents Handover...
- Project management support and updating them by daily and weekly reports.
- Revising both the customer contract and the consortium agreement...
- Support for completing and VT inspections of the Electrical and Fire Protection Systems and support for solving their issues...
- Ensure the completeness of GE I&C and GE O&M Manuals...

Dates	:	From Dec. 2012 till May 2015
Employer	:	KAHROMIKA
Job title	:	Senior Quality Control Engineer
Job Description	:	<ul style="list-style-type: none"> • Suez Thermal Power Plant 1x650 MW, CP-105 (from Jan. 2014 till May 2015): <ul style="list-style-type: none"> - Senior QA/QC Engineer and Team Leader (QA/QC Department), as a Sub-contractor Representative for leading and following up the QA/QC team, engineers / inspectors, planning, coordinating and troubleshooting any QC issue. - Scope: Piping & Boiler Non Pressure Part: Piping, Steel Structures, Mechanical Equipments, and Plate-Works (Ducts) Sr. QA/QC Eng. (mainly), plus my experience in the Boiler Pressure Part, for Leading and Following up the QA/QC engineers / inspectors in CP-105, the Fabrication Final Inspection at DSD Ferrometalco workshops (with AC Boilers at the beginning of the project), Final checking the foundation and the position of anchor bolts, Assembly and Erection of the equipments and steel structures, Alignment, Bolt tightening, Welding, NDT, PWHT, Painting touch-ups, Grouting, Coordinating with all parties and following up any QA/QC duties. • El Ain El Sokhna Supercritical Thermal Power Plant 2x650MW (CP-105) (from Aug. 2013 till Jan. 2014): <ul style="list-style-type: none"> - Senior QA/QC Engineer (QA/QC Department), as a Sub-contractor Representative for following up, coordinating and troubleshooting any QC issue. - Scope: Piping, and Mechanical Equipments Sr. QA/QC Eng., for following up the quality control requirements of its Welding, NDT, Painting touch-ups, Closing-out the punch-lists, Coordinating with all parties, and Following up any other quality control duties in the boiler components (gas/air pre-heaters, FD/GR fans, soot blowers, ducts, piping, ...); as well as following up the Fabrication Final Inspection at DSD Ferrometalco workshops (with AC Boilers), and Primary checking the foundation and the position of anchor bolts for the Suez Thermal Power Plant 1x650MW, CP-105. • QA/QC Engineer (QA/QC Department), Head Office (Aug. 2013). • Giza North Combined Cycle Power Station 2x750MW (CP-101) (from

Dec. 2012 till Jul. 2013):

- Senior QA/QC Engineer (QA/QC Department), as a Subcontractor Representative for following up, coordinating and troubleshooting any QC issue.
- Scope: Piping QA/QC Eng. (mainly), and steel structures plate-works (when necessary) for supervising and checking the quality control requirements of its erection, workshop and site welding, NDT, painting, following up any other quality control aspects mainly in the different on-base/off-base piping systems (natural gas, relative oil, lube oil, cooling water, water injection, instrument air, CO₂ systems, ...) and handing-over its test-packs including the different documents, certificates and reports and close-out its punch lists.

Dates : From Jun. 2011 till Dec. 2012
Employer : SUEZ STEEL Company (SSC)
Project : Egypt 22,000 Nm³/h Air Separation Plant (ASP, cryogenic unit)
Job title : Senior Quality Control Engineer
Job Description :

- Senior Quality Control Engineer (SSC, Projects Department), as an Owner Representative for coordinating and troubleshooting any QC issue.
- Scope: Piping, Storage Tanks, Pressure Vessels, Heat Exchangers, Plate-Works, Steel Structures, and Equipments for supervising and checking the quality control requirements of its erection (installation), site welding, NDT, painting, coordination with all parties, and follow up any other quality control aspects.

Dates : From Apr. 2009 till Jun. 2011
Employer : Reliance Heavy Industries (RHI)
Job title : QC Inspector / Engineer
Job Description : Client Representative for consulting different projects for the steel structure and plate-works fabrication of cement plants for supervising and checking the quality control requirements of its erection (installation), welding, NDT, painting, coordination with all parties and follow up any other quality control aspects.

Dates : From May 2008 till Apr. 2009
Employer : DSD FERROMETALCO – Seconded from SGS Egypt Ltd.
Job title : QA/QC Engineer
Job Description :

- Implementation of the required quality control tasks in New Doha International Airport (NDIA) project, Qatar, short term assignment.
- Implementation of the quality control duties and checking its requirements and documents (the QC dossier) of the Gantry Cranes (A-frames) that operates in the shut-down period of the Egyptian Liquefied Natural Gas Co. (ELNG).
- Working as a NDT Engineer (NDT Department) in SGS Egypt Ltd. Company to perform and/or supervise any requested NDT operations (DSD Workshops).

- Field of experience** : • **Workshop and Site Activities:**
- Familiar for using different international codes, standards and specifications (e.g. ASME, API, AWS, ASTM, ISO, EN, GB (Chinese), JB (Chinese), etc.).
 - I have a very good background and dealing with API codes concerning piping (e.g. API 570, 1104, 5L...) and tanks (e.g. API 620, 650, 653...).
 - Review the QC procedures according to codes, standards and specifications.
 - Preparing, revising, and following up the welder qualification tests (WQTs), welding procedure specifications (WPSs), and procedure qualification record (PQRs).
 - Assuring that the applied documents are approved and final revision.
 - Preparing the QC documents related to the daily/weekly schedule.
 - Performing the in-process inspections according to the approved Inspection & Test Plan (ITP)/(QCP), procedures, specifications, drawings...
 - Verifying the documents and certificates of the materials.
 - Inspection of the materials and the proper storage of it.
 - Following up the inspectors, junior engineers, foremen, and workers.
 - Checking the workers tools and facilities that used for welding and erection.
 - Checking the welding materials such as electrodes, filler metals, shielding gases, welding barriers (blankets/curtains), safety tools etc.
 - Checking the welding parameters as required by the WPSs.
 - Checking the fit-up of the joints before the start of welding operation as per the detailed drawing (root gap, bevel angle, surface mismatch and hi-lo).
 - Preparing the preliminary bolt test for the slip critical connections (calibration of the hand tool wrench and the hydraulic machines).
 - Checking the proper erection of the steel works (mark no., position, and orientation).
 - Checking the alignment, level and verticality of the steel works.
 - Checking the proper tightening of bolts.
 - Checking the proper application of welding/repair processes.
 - Final visual inspection of welds and base metal after welding.
 - Checking the dimensions of the items during assembly and after completion of the fabrication/erection according to the drawings and codes.
 - Checking, performing and/or evaluating the application of NDT processes (VT, interpretation of RT films, UT, PT, and MT) according to procedures, codes, standards and specifications.
 - Checking the application of the heat treatments (Pre and PWHT).
 - Checking the application of painting and touch-up works.
 - Preparing the test packs and closing up the punch list items.
 - Witness the required tests (hydrostatic, pneumatic, flushing, air blowing ...).
 - Checking the position of the mechanical equipments (axis and level).
 - Checking the clearances of the rotary mechanical equipments.

- Checking the primary and final alignment of the mechanical couplings.
- Following up the grouting processes for mech. equipments and structures.
- Raising and following up the NCRs when necessary.
- Recording the fabrication/erection progress.
- Performing the meetings with all parties of the projects to make good coordination when required.
- Preparing/revising the reports for each task of these activities.
- Document Control and Data Entry.
- Summary:
 - Quality Assurance / Quality Control Engineer with over 8 years experience.
 - I have extensive background and experience in the Mechanical and Civil Works.
 - I worked with multinational companies and also with national and consulting companies in big projects.
 - I am a Senior QA / QC Engineer for the Boiler Non Pressure Part (Steel Structures, Plate-Works (Ducts), Mechanical Equipments) of Suez Thermal Power Plant Project – CP-105, plus my experience in the Piping and Boiler Pressure Part.
 - I perform / supervise all the quality control duties according to the documents (codes, standards, specifications, drawings, procedures, QCPs ...) that covers the piping, tanks, steel structures, plate works, mechanical equipments (stationary and rotary), and any other fabricated products by welding or any other processes in both the workshops or sites.
 - I have level II in the following NDT methods (SNT-TC-1A): RT, UT, MT, and PT.
 - I had qualified and certified in the CWI content "Welding Inspection Technology" book, all modules from my university.
 - I am preparing to get a CSWIP 3.1 (level 2) certificate soon.